# Message Text

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INFO OCT-01 EA-12 ISO-00 AID-05 CIAE-00 COME-00 EB-08 FRB-01 INR-07 NSAE-00 USIA-15 TRSE-00 XMB-04 OPIC-06 SP-02 LAB-04 SIL-01 OMB-01 NSC-05 SS-15 STR-06 CEA-01 L-03 H-02 PA-02 PRS-01 OES-07 DOE-11 SOE-02 AGRE-00 /134 W

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R 131508Z JAN 78

FM AMEMBASSY BONN

TO SECSTATE WASHDC 4733

INFO AMEMBASSY LONDON

AMEMBASSY BRUSSELS

AMEMBASSY BERN

AMEMBASSY PARIS

AMEMBASSY ROME

AMEMBASSY TOKYO

AMCONSUL FRANKFURT

AMCONSUL DUSSELDORF

AMCONSUL HAMBURG

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USEEC ALSO FOR EMBASSY, USOECD ALSO FOR EMBASSY

E. O. 11652: N/A TAGS: ECON, EIND

SUBJ: INDUSTRIAL SECTOR OUTLOOK IN THE FRG IN 1978

REF: BONN 474

# SUMMARY:

GERMAN ECONOMIC PROGNISTICATORS PREDICT FAIRLY MINIMAL INCREASES IN PRODUCTION GROWTH IN THE INDUSTRIAL SECTOR DURING 1978. INDUSTRIAL SECTORS WITH BEST PROSPECTS INCLUDE MACHINERY, METALWORKING MACHINERY, CHEMICALS, MOTOR VEHICLES AND PETROLEUM. THOSE WITH A POOR UNCLASSIFIED

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OUTLOOK INCLUDE: CLOTHING, IRON AND STEEL, TEXTILES, CONSTRUCTION AND COAL MINING.

# GENERAL OUTLOOK:

1. ECONOMIC ANALYSTS OF THE INDUSTRIAL SCENE IN GERMANY TAKE A FAIRLY PESSIMISTIC VIEW OF PROSPECTS FOR INDUSTRIAL GROWTH IN 1978; INDUSTRIAL ASSOCIATION

SPOKESMEN REMAIN AS USUAL EVEN LESS OPTIMISTIC THAN THE ECONOMISTS. ONE ESTIMATE DONE ON THE BASIS OF A SURVEY OF INDUSTRY, COMPARING PERCENT CHANGE FROM ONE YEAR TO THE PREVIOUS YEAR, PROJECTS A SLIGHT DECLINE IN OVERALL INDUSTRIAL PRODUCTION, FROM 3 PER CENT IN 1977 TO 2.5 PER CENT IN 1978. THE SAME SURVEY FORECASTS A RELATIVE IMPROVEMENT IN EMPLOYMENT FROM -0.8 PER CENT IN 1977 TO -0.5 PER CENT IN 1978; PRODUCER PRICES TO GO UP FROM 2.5 PER CENT (1977) TO 3 PER CENT (1978) AND REAL INVESTMENT TO RISE FROM 3.5 PER CENT (1977) TO 4 PER CENT (1978).

2. PRESENTLY INDUSTRIES SUPPLYING CHIEFLY CONSUMER GOODS ARE OPERATING AT ABOUT 97 PER CENT CAPACITY, WHEREAS INVESTMENT GOODS PRODUCERS OPERATE CLOSER TO 81 PER CENT CAPACITY LEVER DRIVEN DEMAND WILL TEND TO DROP OFF SOMEWHAT IN 1978. ON THE OTHER HAND, EXPENDITURE FOR EQUIPMENT ON A SEASONALLY ADJUSTED BASIS SHOULD BE UP SOME 4 PER CENT.

#### OUTLOOK BY INDUSTRY:

3. IRON AND STEEL, WHICH HAS BEEN IN THE DOLDRUMS FOR SEVERAL YEARS NOW, WILL CONTINUE TO BE PLAGUED BY LOW LEVELS OF DEMAND FOR STEEL, BOTH DOMESTICALLY AND ALSO FROM FOREIGN BUYERS. IN MINING, PARTICULARLY FOR COAL, STOCKS ARE AT RECORD HIGHS WITH LITTLE PROSPECT OF UNCLASSIFIED

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INCREASED DEMAND, DUE TO RECESSION OF MAJOR USER, THE STEEL INDUSTRY. FOR MACHINE TOOLS, INDUSTRY EXPERTS FEAR LOSSES OF EXPORT ORDERS DUE TO CURRENCY REVALUATIONS, WHICH HAVE TENDED TO MAKE SIMILAR QUALITY U.S. AND SWISS MACHINES MORE ATTRACTIVE TO BUYERS. ADDITIONALLYTHE MACHINE TOOL INDUSTRY IS SUFFERING A SHORTAGE OF SKILLED LABOR, WHICH IS ALSO AFFECTING PRODUCTION SCHEDULES.

- 4. THE GERMAN SHIPBUILDING INDUSTRY CONTINUES TO BE EXTREMELY DEPRESSED AND IS BASICALLY UNCOMPETITIVE FOR MANY TYPES OF SHIPS VIS A VIS JAPANESE BUILT SHIPPING. WHILE GENERALLY DOING FAIRLY WELL, THE AUTOMOTIVE INDUSTRY IS FEARFUL OF MORE VIGOROUS JAPANESE COMPETITION IN THIRD-COUNTRY MARKETS, BECAUSE OF MORE RAPIDLY RISING GERMAN PRODUCTION COSTS. AT THE LUXURY END OF THE MARKET, SOME GERMAN PRODUCERS ARE EQUALLY WORRIED BY STRINGENT NEW ENGINE EFFICIENCY REGULATIONS AND TAXES ON GAS WHICH MAY BE INTRODUCED IN THE U.S.
- 5. THE ELECTRONICS INDUSTRY IS ONE SECTOR WITH BETTER

THAN AVERAGE GROWTH EXPECTATIONS. DEMAND FOR TELEVISION SETS, VIDEO-CASSETTE RECORDERS, ETC. ARE UNDERGOING A BOOM BECAUSE OF THE UPCOMING WORLD SOCCER CUP MATCH. A FURTHER PLUS FACTOR NOW APPEARS TO BE SMOOTHER

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IMPLEMENTATION ON CONSTRUCTION OF PLANNED ELECTRIC POWER GENERATING STATIONS. ELECTRONIC CONTROLLED MEDICAL EQUIPMENT ON THE OTHER HAND IS EXPECTED TO HAVE A FLAT YEAR, FOLLOWING TWO EXTREMELY GOOD YEARS IN WHICH MARKET SATURATION TOOK PLACE. PAPER AND LEATHER INDUSTRIES ARE PREDICTING BETTER TIMES AHEAD TOGETHER WITH THE METALWORKING INDUSTRY, WHICH IS A PRIME SUPPLIER TO THE MOTOR VEHICLE SECTOR. TEXTILES AND CLOTHING EXPECT CONTINUED LOW LEVELS OF EXPANSION.

6. RESULTS OF A SURVEY PUBLISHED BY WIRTSCHAFTS WOCHE

# INDICATE FOLLOWING PER CENT CHANGES IN PRODUCTION UNCLASSIFIED

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(COMPARING EACH YEAR TO THE PREVIOUS YEAR):

1976 1977 1978 COAL MINING -4 -6 2 POWER AND LIGHT 10 2 2.5 CONSTRUCTION 3 1.5 2. 4 2.5 STONE & GRAVEL IRON & STEEL 3.5 - 6 - 0.5 CHEMICALS 14 0 3 PETROLEUM 5 4 3 MECHANICAL MACHINERY 2 0.5 MOTOR VEHICLES 11 8 3 ELECTRICAL AND ELECTRONIC EQUIPMENT 9 8.5 METALWORKING & PROCESSING 13 9.5 4.5 WOODWORKING 8 3 TEXTILES 8 - 1.5 1 CLOTHING - 1.5 - 4 FOOD PROCESSING 3 1 2.5

# 7. TRADE OUTLOOK FOR 1978 COVERED BY REFTEL.

# 8. TRENDS IN R&D:

AN IMPORTANT LONG-RANGE POLICY INSTRUMENT USED BY THE FRG IN PROMOTION OF INDUSTRY IS PUBLIC RESEARCH AND DEVELOPMENT EXPENDITURE. OVERALL EXPENDITURE FOR R&D INCREASED FROM DM 4.5 BILLION IN 1962 TO DM 27.3 BILLION IN 1977, AN AVERAGE ANNUAL GROWTH RATE OF 12.7 PER CENT. OVER THIS PERIOD, SPENDING BY PRIVATE INDUSTRY ON R&D WAS AT THE SLIGHTLY HIGHER LEVEL OF 13.1 PER CENT. ACTUAL R&D EXPENDITURES BY BOTH GOVERNMENT AND INDUSTRY IN 1977 TOTALED ABOUT DM 13.2 BILLION EACH. MAJOR CATEGORIES OF FRG R&D UNCLASSIFIED

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EXPENDITURE INCLUDE: MODERNIZATION OF THE ECONOMY (39 PER CENT OF TOTAL EXPENDITURES); IMPROVEMENT OF LIVING AND WORKING CONDITIONS (19 PER CENT); EXTERNAL SECURITY (22 PER CENT); RAISING LEVEL OF SCIENTIFIC PERFORMANCE (19 PER CENT). UNDER THE MODERNIZATION OF ECONOMY CATEGORY MAJOR PROJECT BREAKDOWNS ARE: IMPROVING SECURITY OF ENERGY AND RAW MATERIALS SUPPLY; PROMOTION OF DATA PROCESSING; TECHNICAL COMMUNICATION

AND ELECTRONICS; INNOVATIVE TECHNOLOGIES IN KEY ECONOMIC SECTORS AND SPACE RESEARCH AND TECHNOLOGY. BUDGETING FOR THESE ITEMS IS EXPECTED TO GO UP SLIGHTLY FROM 39 PER CENT OF EXPENDITURES IN 1977 TO 41 PER CENT IN 1980. SIMILAR MODEST INCREASES ARE EXPECTED IN OTHER MAJOR CATEGORIES, INCLUDING PROJECTS ON HEALTH AND NUTRITION RESEARCH, ENVIRONMENT AND PROMOTION OF TRANSPORTATION AND COMMUNICATIONS.

#### 9. COMMENT:

WE FEEL THAT THE FAIRLY GLOOMY OUTLOOK, PARTICULARLY BY INDUSTRIAL COMMENTATORS WHO OFTEN TEND TO BE SUPER CAUTIOUS ANYWAY, MAY NOT BE QUITE SO BLACK AS PICTURED. THE INDICES OF ORDERS FOR INDUSTRIAL GOODS FOR THE LAST FEW MONTHS OF 1977 COMPARED TO PREVIOUS PERIODS SHOW

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NEGOTIATIONS. SHOULD ANY OR ALL OF THESE FACTORS HAVE A MARKED NEGATIVE INFLUENCE, ANY REVIVAL OF DOMESTIC DEMAND WILL PROBABLY NOT REALLY GET OFF THE GROUND. STOESSEL

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